

Water Screening Values (ug/L)

Chemical	Surface Water Recreational Use	Groundwater (MCLs)	Drinking Water (Colo)	Ecological water (Colorado)
				Acute
Aluminum				750 (tot rec)
Antimony	1.29E+02 nc		6 6.0 (30 day)	
Arsenic, Inorganic	2.15E+00 ca		10 0.02-10 (30 day)	340
Barium	3.49E+04 nc	2,000	490 (30 day)	
Beryllium and compounds	1.00E+02 nc	4	4.0 (30 day)	
Cadmium (Water)	6.50E+01 nc	5		calculated
Cadmium (sedimetrn)				
Calcium				
Chromium, Total		100		16 (VI)
Cobalt	3.13E+03 nc			
Copper	8.58E+03 nc	1,300	1,000 (30 day)	calculated
Iron	6.01E+05 nc	300 (2nd)	300 (30 day, diss)	
Lead and Compounds		15		calculated
Magnesium				
Manganese	2.55E+03 nc	50 (2nd)	50 (30 day, diss)	calculated
Mercury		2		1.4
Molybdenum	4.29E+03 nc			
Nickel Soluble Salts	7.87E+03 nc		100 (30 day)	calculated
Potassium				
Selenium	4.29E+03 nc	50	50 (30 day)	18.4
Silver	8.37E+02 nc	100 (2nd)		calculated
Sodium				
Thallium (Soluble Salts)	3.43E+01 nc	2	0.5 (30 day)	
Vanadium and Compounds	7.12E+02 nc			
Zinc and Compounds	2.92E+05 nc	5,000 (2nd)	5,000 (30 day)	calculated

Water Screening Values (ug/L)

Ecological water (Colorado)		Ecological sediment (mg/kg) (MacDonald et al 2000 PECs)	Agriculture (30 day) (Colorado)	Fish ingestion (Colo)	
Chronic	Water + Fish (Human Health Consumption)				
87 (tot rec)					
	5.6				640
150	0.02	33	100		7.6
	1000				
			100		
calculated	Defer to MCL		10		
		4.98			
11	100 (30 day)	111	100		
calculated	1,300	149	200		
1,000 (tot rec)					
calculated		128	100		
calculated	50		200		
		1.06			
calculated	610	48.6	200		4,600
4.6	170		20		4,200
calculated					
15	0.24				0.47
calculated	7,400	459	2,000		26,000

Fish Consumption
EPA

Pre event
baseline
average

640
0.14

4.31

73.93
7,870
14.71

100 1952

4,600
4,200

0.47

26,000 1,251